

ABSTRACT OF THE DISCLOSURE

A wireless communication network (181) includes wireless repeaters (15,16) having radio irradiating surfaces. The wireless repeaters are fixed so that the radio irradiating surfaces thereof are adhered to two surfaces of a wall (19) and, thereby, a wireless connection (110) is established by setting the wall as a radio transmitting medium. The wireless communication network connects wired communication networks (13,14), thereby structuring an indoor network.